

## ABSTRACT OF THE DISCLOSURE

A reference voltage  $V_{\text{Gref}}$  of an output terminal of a synchronous machine 21 is set according to a reactive current  $I_q$  output from the synchronous machine 21, a reference voltage  $V_{\text{Href}}$  of the high voltage side of a transformer 22 and a transfer function  $F_{\text{Hl}}(s)$  of phase compensation used to quicken the attenuation of an electric power fluctuation.

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